

Application No.: 10/743,821

Docket No.: 4006-280

BEST AVAILABLE COPY**AMENDMENTS TO THE CLAIMS:**

The following list of claims will replace all prior versions and listings of claims in the application.

LISTINGS OF CLAIMS:

1. (currently amended) A liquid crystal display (LCD) module, comprising
at least one square-frame-shaped bump, located on a first substrate;
at least one H-shaped bump, located on a second substrate, wherein, when said first substrate and said second substrate are assembled, said square-frame-shaped bump corresponds one-to-one with and is opposite to said H-shaped bump, and a portion of said H-shaped bump contacts a portion of said square-frame-shaped bump, so as to form at least one overlapped area; and
a liquid crystal layer, wherein said liquid crystal layer is located between said first substrate and said second substrate, and said liquid crystal layer is filled in the area between said square-frame-shaped bump and said H-shaped bump;
a thin film transistor (TFT), wherein said TFT is located on one of said first substrate and said second substrate; and
a color filter (CF), wherein said color filter is located on one of said first substrate and said second substrate.
2. (original) The LCD module of claim 1, wherein said first substrate has a polarizer, and said polarizer and said square-frame-shaped bump are located on different sides of said first substrate.

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3. (original) The LCD module of claim 2, wherein said first substrate has at least one compensation film, and said compensation film is located between said first substrate and said polarizer.
4. (original) The LCD module of claim 1, wherein said second substrate has a polarizer, and said polarizer and said H-shaped bump are located on different sides of said second substrate.
5. (original) The LCD module of claim 4, wherein said second substrate has at least one compensation film, and said compensation film is located between said second substrate and said polarizer.
6. (original) The LCD module of claim 1, wherein said square-frame-shaped bump and said H-shaped bump are made of photoresist material.
7. (original) The LCD module of claim 1, wherein the cross-sectional shape of said square-frame-shaped bump is selected from a group consisting of a dome-type protrusion shape, a cubic-type protrusion shape and a prism-type protrusion shape.
8. (original) The LCD module of claim 1, wherein the cross-sectional shape of said H-shaped bump is selected from a group consisting of a dome-type protrusion shape, a cubic-type protrusion shape and a prism-type protrusion shape.

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9. (original) The LCD module of claim 1, wherein the dielectric constant of said square-frame-shaped bump and the dielectric constant of said H-shaped bump are smaller than the dielectric constant of said liquid crystal layer.

Claims 10-15 (canceled)

16. (currently amended) A liquid crystal display (LCD), comprising

a first substrate, wherein said first substrate has at least one pixel electrode and a TFT;

a second substrate parallel to said first substrate, wherein said second substrate has at least one common electrode layer and a color filter;

at least one square-frame-shaped bump, located on said first substrate, wherein said square-frame-shaped bump encloses said pixel electrode;

at least one H-shaped bump, located on said second substrate, wherein, when said first substrate and said second substrate are assembled, said square-frame-shaped bump corresponds one-to-one with and is opposite to said H-shaped bump, and a portion of said H-shaped bump contacts a portion of said square-frame-shaped bump, so as to form at least one overlapped area; and

a liquid crystal layer, wherein said liquid crystal layer is located between said first substrate and said second substrate, and said liquid crystal layer is filled in the area between said square-frame-shaped bump and said H-shaped bump.

17. (original) The LCD of claim 16, wherein said first substrate has a polarizer and at least one compensation film, and said polarizer and said compensation film are located on one side

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of said first substrate different from where said square-frame-shaped bump is located, and said compensation film is located between said first substrate and said polarizer.

18. (original) The LCD of claim 16, wherein said second substrate has a polarizer and at least one compensation film, and said polarizer and said compensation film are located on one side of said second substrate different from where said H-shaped bump is located, and said compensation film is located between said second substrate and said polarizer.